

A) a non ionic additive having a fluoropolyether structure with a fluorinated T end group containing one chlorine atom, having the following formula:



wherein



wherein:



with  $R'' = H; C_{1-3}$  alkyl,

T is a fluorinated radical selected from  $CICF_2CF(CF_3)-$ ,  $CF_3CFCICF_2-$ ,  $CICF_2CF_2-$ ,  $CICF_2-$ ,

Y =  $CF_3$  or F,

-  $R_f$  is a perfluoropolyether or fluoropolyether radical;  
- the number average molecular weight of the fluoroether part  $T-OR_f-$  is in the range 400 - 2,000,

- a ratio by weight (K) between the fluorinated part and an L part of the additive is in the range 1.50 - 4.00; n in formula (Ia) is such as the ratio (K) is in the range 1.50 - 4.00;

B) a perfluoropolyether having number average molecular weight in the range 300 - 900, provided that a ratio ( $K^1$ ) between the number average molecular weight of the fluoropolyether part  $T-OR_f-$  of the additive A) and the number average molecular weight of component B) is higher than 1.60.

*B1*  
2. (Amended) A method according to claim 1, wherein the number average molecular weight of the fluoroether part T-OR<sub>f</sub> of the compounds of formula (I) component A) is in the range 500 - 1,200.

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3. (Twice Amended) A method according to claim 1, wherein the perfluoropolyether component B) has number average molecular weight in the range of 300-650.

*B2*  
4. (Twice Amended) A method according to claim 1, wherein the radical R<sub>f</sub> comprises repeating units statistically distributed along the polymer chain selected from: 1) (CF<sub>2</sub>CF<sub>2</sub>O), 2) (CFYO) wherein Y is equal to F or CF<sub>3</sub>, 3) (C<sub>3</sub>F<sub>6</sub>O); 4) (CF<sub>2</sub>(CF<sub>2</sub>)<sub>z</sub>O) wherein z is an integer equal to 2 or 3; 5) (CF<sub>2</sub>CF(OR<sub>f</sub>)O) or (CF(OR<sub>f</sub>)O) wherein R<sub>f</sub> is equal to -CF<sub>3</sub>, -C<sub>2</sub>F<sub>5</sub>, -C<sub>3</sub>F<sub>7</sub>; 6) CR<sub>4</sub>R<sub>5</sub>CF<sub>2</sub>CF<sub>2</sub>O wherein R<sub>4</sub> and R<sub>5</sub> are equal to or different from each other and selected between Cl or perfluoroalkyl having 1-4 carbon atoms.

*B3*  
5. (Amended) A method according to claim 4, wherein the group R<sub>f</sub> comprises the following repeating units:

- (a) -(CF<sub>2</sub>CF(CF<sub>3</sub>)O)<sub>a</sub>(CFYO)<sub>b</sub>-  
wherein Y is F or CF<sub>3</sub>; a and b are integers such that the molecular weight of T-OR<sub>f</sub> is in the range 400 - 2,000; a/b is in the range 10 -100;  
(b) -(CF<sub>2</sub>CF<sub>2</sub>O)<sub>c</sub>(CF<sub>2</sub>O)<sub>d</sub>(CF<sub>2</sub>(CF<sub>2</sub>)<sub>z</sub>O<sub>h</sub>)-

wherein c, d and h are integers such that the molecular weight of T-OR<sub>f</sub> is within the range 400-2,000; c/d is in the range 0.1 - 10; h/(c+d) is in the range 0 - 0.5, z = 2 or 3, h can be equal to 0;

(c) -(CF<sub>2</sub>CF(CF<sub>3</sub>)O)<sub>e</sub>(CF<sub>2</sub>CF<sub>2</sub>O)<sub>f</sub>(CFYO)<sub>g</sub>-

wherein Y is F or CF<sub>3</sub>; e, f, g are integers such that the molecular weight of T-OR<sub>f</sub> is within the range 400 - 2,000; e/(f+g) is in the range 0.1 - 10, f/g is in the range 2 - 10;

(d) -(CF<sub>2</sub>O)<sub>j</sub>(CF<sub>2</sub>CF(OR<sub>f</sub>)O)<sub>k</sub>(CF(Or<sub>f</sub>)O)<sub>l</sub>-

wherein: R<sub>f</sub> is -CF<sub>3</sub>, -C<sub>2</sub>C<sub>5</sub>, -C<sub>3</sub>F<sub>7</sub>; j, k, l are integers such that the molecular weight of T-OR<sub>f</sub> is within the range 400 - 2,000; k+l and j+k+l are at least equal to 2, k/(j+l) is in the range 0.01 - 1,000, l/j is in the range 0.01 - 100;

(e) -(CF<sub>2</sub>(CF<sub>2</sub>)<sub>z</sub>O)<sub>s</sub>-

wherein s is an integer such as to give the molecular weight of T-OR<sub>f</sub> in the range 400 - 2,000, z = 2 or 3;

(f) -(CR<sub>4</sub>R<sub>5</sub>CF<sub>2</sub>CF<sub>2</sub>O)<sub>j'</sub>-

wherein R<sub>4</sub> and R<sub>5</sub> are equal to or different from each other and selected from H, Cl or perfluoroalkyl, having 1-4 carbon atoms, j' being an integer such that the molecular weight of T-OR<sub>f</sub> is in the range 400 - 2,000;

(g) -(CF(CF<sub>3</sub>)CF<sub>2</sub>O)<sub>j''</sub>-

j'' being an integer such to give the molecular weight of T-OR<sub>f</sub> in the range 400 - 2,000.

**6. (Twice Amended)** A method according to claim 1, wherein the value K<sup>l</sup> is

higher than 2.00.

*B4*  
**7. (Twice Amended)** A method according to claim 1, wherein the perfluoropolyether component B) has the following structure:

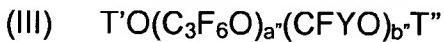


wherein:

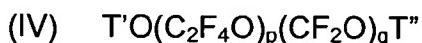
R<sub>f</sub> is the perfluoropolyether radical according to claim 1;

T' and T'', equal to or different, are selected from -CF<sub>3</sub>, -C<sub>2</sub>F<sub>5</sub>, -C<sub>3</sub>F<sub>7</sub>.

**8. (Amended)** A method according to claim 7, wherein the perfluoropolyether component B) has a structure selected from the following:



wherein Y = F or CF<sub>3</sub>, a'' and b'' are integers such that the molecular weight of B) is within the range 300 - 900 with a''/b'' in the range 1-40; T' and T'' are as above defined.



wherein p and q are integers such that the molecular weight of B) is within the [indicated] range 300 - 900 with p/q in the range 0.6 - 1.2; T' and T'' are as above defined.



wherein s' is an integer such that the molecular weight of B) is within the range 300 - 900; T' and T'' are as above defined.

**9. (Twice Amended)** A method according to claim 1, wherein the amount of additive A) in the compositions is lower than or equal to 0.1% by weight, with respect to the total weight of the composition.

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**10. (Twice Amended)** A composition consisting essentially of component A) and component B) according to claim 1.

Please add new claims 12-14 as follows.

**--12. (New)** A method according to claim 2, wherein the number average molecular weight of the fluoroether part T-OR<sub>F</sub> of the compounds of formula (I) component A) is in the range 600 - 1,000.

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**13. (New)** A method according to claim 6, wherein the value K<sup>l</sup> is in the range 2.00-3.00.

**14. (New)** A method according to claim 9, wherein the amount of additive A) in the compositions is lower than 0.05% by weight, with respect to the total weight of the composition.--